

CLAIMS

1. An assembly comprising:

- 5 - an electrical element adapted to provide or receive power and/or an electrical signal,
the element comprising at least one input or output for the power and/or signal,
- a housing, the electrical element being positioned within the housing,

the housing comprising an opening/hole or an indentation at an inner surface thereof,

the assembly further comprising at least one projection being attached to the electrical
element or engaging the electrical element,

the projection being adapted to be introduced into the opening or indentation when the
15 electrical element is positioned within the housing.

2. An assembly according to claim 1, wherein the housing comprises an opening and
wherein the projection is electrically conducting and is electrically connected to one of the
inputs/outputs of the electrical element.

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3. An assembly according to claim 1, wherein the housing comprises an indentation and
wherein the projection is electrically conducting and is electrically connected to one of the
inputs/outputs of the electrical element, the housing being electrically conducting at or in the
indentation in order to provide electrical contact from outside the housing to the projection
25 via or through the housing.

4. An assembly according to claim 2, wherein:

- the electrical element comprises two electrical inputs and/or outputs,
30 - the housing comprises two openings,
- the assembly further comprises two projections being attached to the electrical
element or engaging the electrical element,

wherein the other projection is electrically conducting and is electrically connected to the
35 other of the inputs and/or outputs of the electrical element.

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5. An assembly according to claim 1, where the electrical element is enclosed within a container, the at least one projection being provided at a surface thereof.

6. An assembly according to claim 5, where the container comprises a material wherein the electrical element is at least partly cast-in.

7. An assembly according to any claim 1, where the at least one projection is displaceable in relation to the electrical element or at least part of the container.

8. An assembly according to claim 7, wherein the electrical element and projections are adapted to be snap-fitted into the housing by the operation of the displaceable projections and the holes or indentations of the housing.

9. An assembly according to claim 1, wherein:

- the electrical element comprises a coil comprising at least one coiled electrical conductor having two ends,
- the at least one electrical input and/or output comprising an end of the coil.

10. An assembly according to claim 1, wherein the electrical element is chosen from the group consisting of: electrical circuitry, battery, coil, and loudspeaker.

11. An assembly according to claim 9 for use as a receiver/loud speaker in a hearing aid or in a mobile telephone.

12. An assembly according to claim 1, further comprising a carrier comprising at least one electrically conducting path, said at least one electrically conducting path being electrically connected to the at least one projection.

13. An assembly according to claim 4, further comprising a carrier comprising two electrically conducting paths, each of said two electrically conducting paths being electrically connected to a projection.

14. A sub assembly for use in the assembly according to claim 1, the sub assembly comprising:

- an electrical element adapted to provide or receive power and/or an electrical signal, the element comprising at least one input or output for the power and/or signal,
- one or more projections displaceably attached to or engaging the electrical element and each being electrically connected to an input/output of the electrical element.

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15. A sub assembly according to claim 14, wherein the electrical element is provided within a container and where the projection(s) is/are provided at a surface thereof.

16. A sub assembly according to claim 15, wherein the container is made of a resilient
10 material.

17. A sub assembly according to claim 15, wherein the container is provided by at least partly casting-in the electrical element in a casting material.

15 18. An assembly comprising:

- an electrical element adapted to provide or receive power and/or an electrical signal, the element comprising at least one input or output for the power and/or signal,
- a housing, the electrical element being positioned within the housing,

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the housing comprising an opening/hole,

the at least one input or output for the power and/or signal being adapted to be introduced into the opening/hole when the electrical element is positioned within the housing.

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19. An assembly according to claim 18, wherein the electrical element comprises two electrical inputs and/or outputs.

20. An assembly according to claim 19, further comprising a carrier comprising two
30 electrically conducting paths, each of said two electrically conducting paths being electrically connected to one of the inputs or outputs of the electrical element.

21. An assembly comprising:

- 35 - an electrical element adapted to provide or receive power and/or an electrical signal, the element comprising two inputs or two outputs for the power and/or signal,

- a housing, the electrical element being positioned within the housing,
the housing comprising two plugs at an outer surface thereof,

5 the two plugs being electrically connected with the two inputs or two outputs when the electrical element is positioned within the housing.

22. A method of assembling an assembly, the method comprising:

- 10 1) providing an electrical element adapted to provide or receive power and/or an electrical signal, the element comprising at least one input or output for the power and/or signal,
- 2) providing a housing having at least one opening or one indentation at an inner surface thereof,
- 15 3) providing one or more projections attached to or engaging the electrical element, the projections being displaceable in relation to the electrical element,
- 4) positioning the electrical element within the housing in a manner so that each of the one or more projections extends into one or the at least one opening or indentation.

20 23. A method according to claim 22, wherein step 2) comprises providing a housing with at least one opening, and where step 3) comprises providing one or more projections each being electrically connected to an input/output of the electrical element.

24. A method according to claim 23, wherein step 2) comprises providing a housing with two
25 openings, and where step 3) comprises providing two projections each being electrically connected to an input/output of the electrical element.

25. A method according to claim 23, wherein step 4) comprises positioning the electrical element within the housing using a clicking action by the one or more projections in the at
30 least one opening.

26. A method according to claim 22, comprising the further step of positioning, before step 4), the electrical element within a container, and wherein step 3) comprises providing the one or more projections at a surface of the container.

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27. A method according to claim 26, wherein the further step comprises providing the container by at least partly casting-in the electrical element in a material.

28. A method according to claim 22, wherein:

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- step 1) comprises providing a coil comprising at least one coiled electrical conductor having two ends,
- step 3) comprises providing two projections each being electrically connected to an end of the conductor.

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29. An assembly comprising:

- an electrical element adapted to provide or receive power and/or an electrical signal, the element comprising at least one input or output for the power and/or signal,
- 15 - a housing, the electrical element being positioned within the housing,

the housing comprising an opening/hole or an indentation at an inner surface thereof,

the assembly further comprising at least one projection forming part of the electrical element, said at least one projection being adapted to be introduced into the opening or indentation when the electrical element is positioned within the housing.

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30. An assembly according to claim 29, wherein the at least one projection forms part of the at least one input or output of the electrical element.

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31. An assembly according to claim 29, wherein:

- the electrical element comprises two electrical inputs and/or outputs,
- the housing comprises two openings,
- 30 - the assembly further comprises two projections forming part of the electrical element.

32. An assembly according to claim 29, wherein the electrical element is chosen from the group consisting of: electrical circuitry, battery, coil, and loudspeaker.

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33. An assembly according to claim 32 for use as a receiver/loud speaker in a hearing aid or in a mobile telephone.